

# Reactis V2020.2

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# Create Test Harnesses for Subsystems

- ▶ Right-click on subsystem, select *Create New Harness*.
- ▶ Reactis limits scope of model to selected subsystem.
- ▶ Tester generates harness inputs, captures harness outputs.
- ▶ Simulator executes only harness subsystem.
- ▶ Input constraints and output tolerances can be set for each harness.
- ▶ Easily switch between different harnesses.

# New Simulink® Support

- ▶ R2020b.
- ▶ Simulink HDL blockset (most but not all blocks)
- ▶ Delay blocks:
  - ▶ with “Show enable port” property enabled.
  - ▶ configured for variable delay.
  - ▶ operating on buses.
- ▶ Improved data type inference for Sum and Product blocks whose intermediate data type is set to “Inherit via internal rule”
- ▶ Bus types for Initial Condition (IC) block.
- ▶ Function-call outputs in Embedded MATLAB®.

# Other Improvements

- ▶ Can include list of excluded targets in coverage report.
- ▶ Improved block parameter display.
- ▶ Draw condition expressions for Switch Case and If blocks.
- ▶ Option to export and import test names in CSV file.
- ▶ Improved GUI appearance on high-resolution displays.
- ▶ Improved build performance in Reactis for C Plugin.
- ▶ Enable and disable Validator Objectives by right-clicking in the Edit > Validator Objectives list.
- ▶ Detect and produce warnings or errors if subnormal floating-point values are detected.